Bhoj Reddy Engineering College for Women Hyderabad

Faculty of General Engineering

Lesson plan of faculty member for the academic year 2019–20

Class: I B Tech Branch-Section: IT-A Semester: II

Subject: Engineering Graphics Lectures per week: 1+4 Practice

Lecture Number	Topics to be covered	Date (s)
UNIT – I: Introduction To Engineering Graphics		
1	Basic Constructions and Conic Sections General Method - Practice	13Janaury2019
2,3	Special methods of constructions for conic sections	16Janaury2019
4,5	Special methods of constructions for conic sections - Practice	18Janaury2019
6	Scales - Plain, Diagonal - Practice	20Janaury2019
7,8	Cycloid, Epicycloid, Hypocycloid	232Janaury2019
9,10	Cycloid, Epicycloid, Hypocycloid-practice	25Janaury2019
11	Cycloid, Epicycloid, Hypocycloid	27Janaury2019
12,13	Cycloid, Epicycloid, Hypocycloid-practice	29Janaury2019
UNIT – II: Orthographic Projections of points , lines and planes		
14,15	Introduction to Orthographic Projections of points	1February2019
16	Projections of Points Projections of Lines – in simple position inclined to one plane	3February2019
17,18	Projections of lines -practice	6February2019
19,20	Projections of lines inclined to both the planes	8February2019
21	Projection of perpendicular planes	10February2019
22,23	Projections of Planes-oblique Plane –practice	13February2019
UNIT – III: Orthographic Projections of solids and section of solids		
24,25	Projections of solids in simple position, inclined to one plane practice	15ebruary2019
26	Projections of solids inclined to one plane-practice	17February2019
27,28	Projections of solids inclined to one plane-practice	20February2019
29,30	Projections of Solids inclined to both planes	22February2019
31	Projections of Solids inclined to both planes - Practice	24February2019
32,33	Sectional views of Right Regular Solids – Prism and cylinder -practice	27February2019
34,35	**I MID EXAM**	29February2019
36	Sectional views of Pyramid, Cone - Practice Sections - Auxiliary views	2March2019
UNIT – IV: Development of surfaces and Intersection of Solids		
37,38	Development of Surfaces of Prism, cylinder - Practice	12March2019
39,40	Development of Surfaces of Pyramid and cone- Practice	14March2019
41	Intersection of solids- Prism Vs Prism - Practice	23March2019
42,43	Intersection of solids- cylinder Vs cylinder	26March2019
44,45	Intersection of solids- cylinder Vs cylinder - Practice	28March2019
UNIT – V: Isometric Projections and Introduction to CAD		
46	Principles of Isometric Projection, Isometric scale – Practice	30March2019
47,48	Isometric Views of Lines, Planes-Practice	4 April 2019
49	Isometric Views of Simple Solids	6 April 2019
50,51	Isometric Views of simple Solids - Practice	9 April2019
52,53		11 April2019
54	Isometric Views of simple Solids - Practice	20 April 2019

55,56	Isometric Views of Compound Solids	23April 2019
57,58	Isometric Views of Compound Solids- Practice	25 April 2019
59	Conversion of Isometric Views to Orthographic views-practice, Basics of CAD	27 April 2019
60,61	**IIMID EXAM**	30 April 2019

Text books:

1. Engineering Drawing - N.D Bhatt / Charotar
2. Engineering Drawing - Basant Agrawal and Mc Agrawal/ Mc Graw Hill

Name of the faculty: Anagha Deshpande

Signature of the faculty:
Name and signature of Head of the Faculty: Anagha Deshpande